

19970911.qrp v00_n845.qrs.970911

>From ???@??? Fri Sep 12 01:17:19 1997
Date: Thu, 11 Sep 1997 19:06:35 EDT
Subject: QRP-L digest 845
Message-Id: <97Sep11.191106edt.35043-32746+218@fidoii.cc.Lehigh.EDU>

QRP-L Digest 845

Topics covered in this issue include:

- 1) [26564] NCDXF / 5Z4B beacon
by n4so@juno.com (charles k brown)
- 2) [26565] Re: Ex-scouts and qrp
by Bob Hightower <ki7mn@dancris.com>
- 3) [26566] Sideband QRP
by David Smith <qrpdave@ocsnet.net>
- 4) [26567] Re: A word on QRP mobile and antennas
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
- 5) [26568] OHR scaf vs RS DSP?
by Ricky McNelly <72507.235@compuserve.com>
- 6) [26569] Re: New contest in 98!
by gsurrency@juno.com (Gary L L Surrency)
- 7) [26570] DSP
by Joel Malman <malman@BBN.COM>
- 8) [26571] Re: DSP
by Kory Hamzeh <kory@avatar.com>
- 9) [26572] Re: Regarding new QRP mail reflector
by kc4mhm@juno.com (ed miller)
- 10) [26573] Re: New contest in 98!
by Bob Okas <vintage@best.com>
- 11) [26574] Shack-Cleaning:QRP Rigs
by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
- 12) [26575] Re: Regarding new QRP mail reflector
by tahrens1@juno.com
- 13) [26576] Re: OHR scaf vs RS DSP?
by Vic Rosenthal <rakefet@rakefet.com>
- 14) [26577] FS: Ten-Tec Argosy \$380 US
by "Robert Andrew Bell" <rbell@uniserve.com>
- 15) [26578] Schematic for Heath IP-18 Power Supply
by astone@erols.com
- 16) [26579] Re: Idaho / Wyoming
by Monte Stark <ku7y@sage.dri.edu>
- 17) [26580] Re: Idaho / Wyoming
by Scott Bauer <ke3nv@erols.com>
- 18) [26581] A couple of unusual transmatch questions
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 19) [26582] Re: Idaho / Wyoming

- by Dave Sjolín <sjolin@swbell.net>
- 20) [26583] QRP on TV
by "M. Monninger" <markem@primenet.com>
- 21) [26584] Re: QRP on TV
by Bill Todd <bill@techline.com>
- 22) [26585] e-mail addresses for W7ZOI \$ W1FB???
by "D.K. Philbin" <dphilbin@slonet.org>
- 23) [26586] Re: A couple of unusual transmatch questions
by Ed Tanton <n4xy@bellsouth.net>
- 24) [26587] Re: Regarding new QRP mail reflector
by Bob Patten <n4bp@shadow.net>
- 25) [26588] Green Chile and Audio Filters
by frasche@torino.ALPcom.it (franco schellenbaum)
- 26) [26589] RIT kit
by "Thomas J. Whalen" <whalen@swcp.com>
- 27) [26590] Color burst filter& LM386
by Bill Meara <wmeara@erols.com>
- 28) [26591] Re: Sideband QRP
by Bob Roach <KE4QOK@worldnet.att.net>
- 29) [26592] SST: Revised Version?
by wpc@west.net (John Roblin)
- 30) [26593] NN50CIA
by n4so@juno.com (charles k brown)
- 31) [26594] Sideband QRP -Reply
by Paul Cereste <cereste@myapc.com>
- 32) [26595] QRP SSB does work!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 33) [26596] Re: QRP on TV
by "Paul R. Valko" <prvalko@Oakland.edu>
- 34) [26597] Re: QRP on TV
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 35) [26598] Re: A couple of unusual transmatch questions
by "Claton Cadmus" <aplitech@spacestar.net>
- 36) [26599] Re: New contest in 98!
by David Clemons <dave@egh.com>
- 37) [26600] Buying a car the hard way.
by Jeff Grudin <grudin@pacific.vdbs.com>
- 38) [26601] FS: MFJ-9020
by Richard Mulvey <mulveyr@frontiernet.net>
- 39) [26602] FISTS Special Event
by "Nancy WZ8C" <nancy@tir.com>
- 40) [26603] Pixie 2 Source
by d.nordquest@juno.com
- 41) [26604] Re: A couple of unusual transmatch questions
by launerb@crl.com (William H. Launer)
- 42) [26605] Zo of 18ga zip cord??
by Niel Skousen <nskousen@scientech.com>
- 43) [26606] Telepathy?

by "William R. Moore" <wr.moore@worldnet.att.net>
44) [26607] Re: QRP Keyer -- HomeBrew
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
45) [26608] Re: Zo of 18ga zip cord??
by Vic Rosenthal <rakefet@rakefet.com>
46) [26609] Re: A couple of unusual transmatch questions
by Ed Tanton <n4xy@bellsouth.net>
47) [26610] Re: Zo of 18ga zip cord??
by K5BDZ@aol.com
48) [26611] Re: Zo of 18ga zip cord??
by Ed Tanton <n4xy@bellsouth.net>
49) [26612] Fwd: Sideband QRP
by PDouglas12@aol.com
50) [26613] FS: TS-430S & Ten Tec 6M Xvtr
by Bob Patten <n4bp@shadow.net>
51) [26614] HB idea for the day
by Steven Weber <kd1jv@moose.ncia.net>
52) [26615] Pacificon -- Antenna Spokespersons?
by Ed Loranger <we6w@qsl.net>
53) [26616] Ea qrp list now on line
by Mel Evans <MelEvansGM6JAG@compuserve.com>
54) [26617] Looking For Superhet Design Software
by Bill Jones <kd7s@psnw.com>
55) [26618] Keyboard software
by Mike Broga <mbroga@cu-online.com>
56) [26619] W9GR DSP-3 vs Timewave?
by Joe Gervais <vole@primenet.com>
57) [26620] Ten Tec Sold, TS-430 Still Available
by Bob Patten <n4bp@shadow.net>
58) [26621] Epoxy for Tube base
by ka0yos@arn.net
59) [26622] F Connector usage
by beache@juno.com (Edward B Beach)
60) [26623] Re: Epoxy for Tube base
by Ed Tanton <n4xy@bellsouth.net>
61) [26624] QRP-L Web Page?
by Mike Robinson <miker@comlinear.nsc.com>
62) [26625] Re: W9GR DSP-3 vs Timewave?
by "Phil, K6LS" <k6ls@qsl.net>
63) [26626] Got the QRP-L page back.
by Mike Robinson <miker@comlinear.nsc.com>
64) [26627] Re: RS DSP hacked ?
by Niel Skousen <nskousen@scientech.com>

Date: Wed, 10 Sep 1997 19:00:47 EDT
From: n4so@juno.com (charles k brown)

To: qrp-l@lehigh.edu
Subject: [26564] NCDXF / 5Z4B beacon
Message-ID: <19970910.055804.9823.1.n4so@juno.com>

The Kenya beacon is on 14.100 and yes the lowest power of .1 watt can be heard. Both one watt and .1 watt are very distinct and above the noise level.
Time about 2254Z with the beam toward Africa.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Wed, 10 Sep 1997 16:01:04 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: v31ry@ix.netcom.com
Cc: qrp-l@Lehigh.EDU
Subject: [26565] Re: Ex-scouts and qrp
Message-ID: <199709102301.QAA01106@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:32 PM 9/10/97 -0600, you wrote:

> Even in the Navy on destroyers I saw more flashing-light morse being used
>than semaphore.. So it goes.
>
>
That figures....semaphores are hard to see in the dark, which probably explains why they aren't used much :^)

Date: Wed, 10 Sep 1997 16:53:07 -0700
From: David Smith <qrp-dave@ocsnet.net>
To: QRP-L@Lehigh.EDU
Subject: [26566] Sideband QRP
Message-ID: <B0001355465@ntserv1.ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello guys!

Greetings from the lowliest General in hamdom. I've got a question about QRP for you. I have no trouble working anyone I hear with my NorCal 40A--no trouble at all. I am interested in 20M ssb and bought a rig (will keep the source confidential). I know it is a good rig, but it seems I'm calling "CQ" until I am hoarse! Ant. is an inverted V on a 15 foot mast on the roof. I know that the ssb is a bit less trustworthy than cw, but is sidebanding on QRP that much more difficult? The rig is in the original hospital, for a checkup, can anyone give me some advice? I'll sure be embarrassed if this the fault of the nut in front of the front panel, but I need to learn about this rig.

TNX and 73!

QRPDave

Date: Wed, 10 Sep 97 17:23:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-1@lehigh.edu
Subject: [26567] Re: A word on QRP mobile and antennas

>From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
>The BB3 is designed to last forever. It assumes that a short
>vertical is a low impedance, and uses a BALUN TRANSFORMER to do
>impedance matching!

Hi Scott, I think you will find that it is not a BALUN and instead it is a UNUN like the one described on my web page at:
<http://people.delphi.com/CecilMoore/shootout.htm>

73, Cecil, W6RCA, 00TC

Date: Wed, 10 Sep 1997 20:37:11 -0400
From: Ricky McNelly <72507.235@compuserve.com>
To: qrp-1@lehigh.edu
Subject: [26568] OHR scaf vs RS DSP?
Message-ID: <199709102039_MC2-1FF6-7C3C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

To: > INTERNET:qrp-l@Lehigh.EDU

Hello all,

I'm presently using a RS DSP and am thinking about replacing it w/the OHR scf. I'm primarily focused on reducing current draw, the DSP is too hungry for me. It also adds a high freq hiss to the audio.

How does the OHR scf compare? What is the center freq and can it be changed? Any preferences?

Thanks es 72/73's,

--Rick, KE4IZH

Chesapeake, VA 09/10/97.

Date: Wed, 10 Sep 1997 17:44:50 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: jaevans@codenet.net
Cc: qrp-l@Lehigh.EDU
Subject: [26569] Re: New contest in 98!
Message-ID: <19970910.174705.12022.0.gsurrency@juno.com>

Can I use my TAC-1 in the TAC contest? ;-)

Maybe us TAC-1 owners can get a special multiplier! :-)

Sorry, I just had to ask!

But it *does* sound like a nice contest idea. Can't wait!

72 & etc.

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Wed, 10 Sep 97 21:21:51 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@lehigh.edu

Cc: malman@BBN.COM
Subject: [26570] DSP
Message-ID: <199709110121.VAA103246@nss2.CC.Lehigh.EDU>

Group,

I think I would like to start to use a DSP filter to cut down the QRN.

QRN has been so bad here in New England this year, you would not believe it.

I would like to get some recommendations re the popular DSP units.
Example: Timewave 59+, 599zx, 9+; MFJ 784b, etc; or any other unit except maybe RS (a company which I would be very reluctant buy from.)

/joel walqvm malman@bbn.com Concord, Ma.
QRP-L 337, NORCAL 1884, QRP-ARCI 9305, et al.

Quote:

It's real hard to work QRP when you can not hear the other station!

Date: Wed, 10 Sep 1997 18:28:58 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: Joel Malman <malman@BBN.COM>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [26571] Re: DSP
Message-ID: <Pine.BSF.3.96.970910182604.549A-1000000@ns1.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm posting this to the to mailing list because I think it might be of general interest. I recommend the W9GR DSP-III. First of all, it works great! You can download demos from their web page at <http://www.oro.net/~w9gr/>.

Secondly, it is a kit, and we qrp'er like to build kits. Thirdly, it only pulls about 400 ma of current which is pretty good for a DSP unit.

Kory
AC6RN

On Wed, 10 Sep 1997, Joel Malman wrote:

> Group,
>
> I think I would like to start to use a DSP filter to cut down the QRN.
>
> QRN has been so bad here in New England this year, you would not believe
> it.
>
> I would like to get some recommendations re the popular DSP units.
> Example: Timewave 59+, 599zx, 9+; MFJ 784b, etc; or any other unit
> except maybe RS (a company which I would be very reluctant buy from.)
>
>
> /joel wa1qvm malman@bbn.com Concord, Ma.
> QRP-L 337, NORCAL 1884, QRP-ARCI 9305, et al.
>
> Quote:
> It's real hard to work QRP when you can not hear the other station!
>
>

Date: Wed, 10 Sep 1997 21:31:55 EDT
From: kc4mhm@juno.com (ed miller)
To: qrp-l@lehigh.edu
Subject: [26572] Re: Regarding new QRP mail reflector
Message-ID: <19970830.142301.11943.0.KC4MHM@juno.com>

(I would find the Spice Girls more acceptable if they weren't so
ridiculously over-hyped. Recent music purchases of mine include
Daft Punk, Ana Belem, Sash!, Liane Foly and Patricia Kaas.
I like disco.)

--

Laura Halliday

I must live under a bridge out on the interstate because I don't
have any idea what she is talking about.

73 de Ed

KC4MHM@juno.com

Date: Wed, 10 Sep 1997 18:47:14 -0700 (PDT)
From: Bob Okas <vintage@best.com>
To: Gary L L Surrency <gsurrency@juno.com>
Cc: qrp-l@lehigh.edu
Subject: [26573] Re: New contest in 98!
Message-ID: <Pine.SGI.3.95.970910184224.2747C-1000000@shellx.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gary,

 If you use an Embedded Research keyer, you could say you're running a
"TIC-TAC"! ;~} ;~}

(Cu was overheard saying this when confronted by FeCl: "Sorry, couldn't
resist!)

Bob

On Wed, 10 Sep 1997, Gary L L Surrency wrote:

> Can I use my TAC-1 in the TAC contest? ;~)
>
> Maybe us TAC-1 owners can get a special multiplier! :-)
>
> Sorry, I just had to ask!
>
> But it *does* sound like a nice contest idea. Can't wait!
>
> 72 & etc.
>
> AB7MY
> Gary Surrency
> Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE
>
>

Date: Wed, 10 Sep 1997 22:03:57 -0400
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ"
<70511.3041@CompuServe.COM>

Subject: [26574] Shack-Cleaning:QRP Rigs
Message-ID: <199709102208_MC2-1FF4-5BAE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Suddenly I find my shack overflowing with QRP rigs. These rigs are all in excellent condition, appearance and working order. All have manuals.

I hate to sell them, but they love to be on the air--and are all bugging me to find them good homes. Plus I need to raise some funds for medical treatments. All rigs are skilled at CW and several have proven to be successful FOXhunters.

Emtech 40-40 *w/filter* in factory case.	\$90.00
Dave Benson SW-30 *w/RIT* in factory case.	85.00
A&A Gary Breed-20 (up to 7 watts out).	110.00
TT-1340 (see review in 73 Mag for Sep 97).	93.00
38S in small medicine box	40.00

Prices *include* shipping in *Continental* USA.

Each rig is working perfectly. All were very recently completely aligned and tweaked. In fact, the SW-30 and Emtech were checked at the respective factory.

If you are interested in any/all of them....just let me know!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
AR QRP 73 ARCI 9398 ARRL WAS 48/38 DXCC 55/39 <><

OMNI V Sierra Argosy 525 Argo 515 Explorer II-40 SW-30
Norcal 40a Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er
38S Mercury Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA
HB G5RV Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 10 Sep 1997 22:36:47 EDT
From: tahrens1@juno.com
To: kc4mhm@juno.com
Cc: qrp-1@lehigh.edu
Subject: [26575] Re: Regarding new QRP mail reflector
Message-ID: <19970910.213701.4919.0.tahrens1@juno.com>

Hey Ed - we must be neighbors! Come on over for coffee!!

cu

Tim W5FN

On Wed, 10 Sep 1997 21:31:55 EDT kc4mhm@juno.com (ed miller) writes:

>
>
>(I would find the Spice Girls more acceptable if they weren't so
>ridiculously over-hyped. Recent music purchases of mine include
>Daft Punk, Ana Belem, Sash!, Liane Foly and Patricia Kaas.
>I like disco.)
>--
>Laura Halliday
>
>
> I must live under a bridge out on the interstate because I
>don't have any idea what she is talking about.
>
>
> 73 de Ed
>KC4MHM@juno.com

Date: Wed, 10 Sep 1997 19:43:45 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: 72507.235@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [26576] Re: OHR scaf vs RS DSP?
Message-ID: <34175AE1.49B3C4A8@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ricky McNelly wrote:

> I'm presently using a RS DSP and am thinking about replacing it
> w/the OHR scaf. I'm primarily focused on reducing current draw, the
> DSP is too hungry for me. It also adds a high freq hiss to the audio.
>
> How does the OHR scaf compare? What is the center freq and can it
> be changed? Any preferences?

I have an OHR SCAF, and I did have an RS DSP. I couldn't stand the distortion produced by the DSP (but many others did not have this problem). The SCAF center frequency is settable with a pot inside the unit; I don't know what the range is but I have mine set for 600 Hz. It is certainly just as selective as the DSP and I'm very happy with it. It does not have enough output to drive a speaker well, though. I've added another LM386 so I can use the speaker or phones as I wish.

Vic K2VCO

Date: Wed, 10 Sep 1997 20:09:07 -0700
From: "Robert Andrew Bell" <rbell@uniserve.com>
To: <qrp-l@lehigh.edu>
Subject: [26577] FS: Ten-Tec Argosy \$380 US
Message-ID: <E0x8zcm-0000tD-00@mail.uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have for sale a Ten-Tec Argosy hf tranceiver for sale. It has the 1.8khz ssb filter, 500 hz cw audio filter and noise blanker options installed. It comes with the hand mike, manual and power cable and is in full working condition. There are a few scratches on the top panel but the front panel is scratch free. I will sell for \$380 US, postage by surface mail included, extra for UPS ect.

rbell@uniserve.com
Vancouver, BC, Canada.

Date: Wed, 10 Sep 1997 23:05:47 -0700
From: astone@erols.com
To: qrp-l@lehigh.edu
Subject: [26578] Schematic for Heath IP-18 Power Supply

Message-ID: <34178A3B.3F65@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi -- Would anyone happen to have the schematic or manual for this power supply or know where I might be able to get one? It's a regulated variable 1-15V 500MA supply that I picked up at a hamfest. I was told that it works fine but guess what -- it's dead. So, time for a repair. Thanks for your help.

72,

Ron (KA3J)
Bethesda, MD

Date: Wed, 10 Sep 1997 20:19:37 -0700
From: Monte Stark <ku7y@sage.dri.edu>
To: kb0vcc@rocketmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26579] Re: Idaho / Wyoming
Message-ID: <34176349.40BE@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KB0VCC/1 wrote:

> That's interesting if not outright hypocritical. 'cuz I don't
> think QSOs made during a contest are ANY different from scheduled
> QSOs. One can be pretty confident that most every state will
> be represented during most big contests. So, what's the difference
> between that and setting a schedule? Just 'cuz you're not setting
> a schedule with ONE particular operator??? Yeah, right. It is
> the SAME thing! Think about it.

Hi Dale,

Well, no, not quite. At least in my opinion.

Look at it this way.....

If you make a schedule with another station, then what you do is turn your dial until it shows the frequency you want, wait until the clock shows the magic hour and turn up the volume. Put in all the filters you

need cuz you can be quite sure that station you can just make out in the noise is the one you want.

Same thing on the other end. Often a "qso" is made that could not be made during normal rag chewing or even in a contest.

At least in a contest you do have to find the states you need. And now days the number in the call really doesn't help much. You just have to look over a few hundred stations until you find the one you want.

If your luck is like mine, the one you want is almost never the one calling CQ and running stations. No, you have to jump around trying to figure out how to "get in front" of the station you want and call him blind!

Even in the Fox parties, you have to break the pile. This takes more than just the loudest signal.

Anyway, I hope you see what I'm trying to say. At least there is more challenge one way than the other.

> I, for one am working toward WAS the hard way
> with one impromptu ragchew QSO at a time.

The very best way of all. And a lot of fun to boot!

> I am doing it my way for *me*. No one
> else may recognize/appreciate my more-challenging approach
> but I'm not doing it for anyone else.

Each time you look at it on the wall, you will know just what it took to get it and how much fun it was!

>Of course, in the
> big scheme of things, does any of it matter???

You bet! A single helping of selfsatisfaction (sp?) is worth a dozen helpings of "gimmies".....

cul,

Ron, KU7Y

Date: Wed, 10 Sep 1997 23:43:28 -0400 (EDT)

From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [26580] Re: Idaho / Wyoming
Message-ID: <199709110343.XAA09595@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:43 PM 9/10/97 -0700, you wrote:

>
>> I don't want to start a flame war, but...
>> Personally, I've always felt that it is slightly unethical to
>schedule a
>> QSO for an award.
>
>>> I say give the man his chance for the needed States. He
has worked hard to reach his goal. Besides, it could be a challenge
just because the band might not be in his favor that day.
I wonder how many miles per watt awards have been reached by
chance? I bet most real big ones have been scheduled contacts.

72, Scott
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just
sit there".... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>
G-QRP 8773 QRP-L 728
NORCAL 1094 DL-QRP-AG *GM*
CQC 352 QRP ARCI-8804
scQRPion 38 AR-QRP 27
WARC QRP NUMERO UNO
CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Thu, 11 Sep 1997 00:01:07 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26581] A couple of unusual transmatch questions
Message-ID: <3.0.1.32.19970911000107.00816850@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am considering using 75 ohm coax and cable TV F connectors for short
connections between my Emtech NW40 and my Rainbow tuner etc, as they are

lighter, easier to crimp on, cheaper and more readily available than BNC or SO239 connectors. I figure that for very short runs (6-12 inches) this represents a very minor transformation, albeit cumulative, (1 or 2 degrees on the Smith chart). By the same reasoning, I'm not worrying about a couple inches of hook-up wire inside the tuner or NW40 instead of using 50 ohm coas.

I would appreciate comments on this practise.

What worries me is experience with my TS440, where the internal SWR meter differs markedly from an external SWR meter (on my MFJ948 tuner) when connected by a foot of 50 ohm coax. When the MFJ shows 1:1, the internal meter can show 1.5:1 at 40 meters -- more than a few degrees on the Smith chart would indicate!

Are there any explanations for this unexpected result?

And while I'm at it, could I have two transmatches connected in parallel, with the "unused" one mistuned (and with no antenna connected to it) thus giving a high impedance, and the "used" one tuned to give 50 ohms, the parallel combination being only very slightly greater than 50 ohms? I am considering building the Rainbow tuner into the NW40 for field use with an end-fed half wavelength antenna, but parallel an output after the Rainbow's SWR function but before the Rainbow's tuning function, this output to go to either a resonant dipole, or an outboard ZM/1 tuner for matching to non-end-fed half wavelength antennas, and still using the Rainbow's SWR indication.

Again, any comments will be greatly appreciated. Thank you.

72/73 de Bob VE3SUY (lycott@fox.nstn.ca)
Robert W. Shaw, Ottawa, Ontario, Canada

Date: Wed, 10 Sep 1997 23:04:45 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26582] Re: Idaho / Wyoming
Message-ID: <34176DDD.3E4D@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ron:

>

> If you make a schedule with another station, then what you do is turn
> your dial until it shows the frequency you want, wait until the clock
> shows the magic hour and turn up the volume.

Given the difficulty some stations have setting their transmit frequency within 1 khz of zero beat this may not be as simple as it sounds.:-)

> Put in all the filters you need cuz you can be quite sure that station > you can just make out in the noise is the one you want.

Who says the station is necessarily going to be weak. If you select the right band and time, it aint necessarily so.

> Same thing on the other end. Often a "qso" is made that could not be
> made during normal rag chewing or even in a contest.

You still have to know who you are working. You have to exchange signal reports and at the signal levels you are speaking of, it is not going to be 5NN.

> At least in a contest you do have to find the states you need. And now
> days the number in the call really doesn't help much. You just have to
> look over a few hundred stations until you find the one you want.

The following are some hints for WAS success:

Frequently you stand a better chance of getting some relatively rare states in a contest if you are the one calling cq and running stations. Often stations in rare states only want to participate casually in the contest. They dont want to work pileups and they dont want to fill out a lot of qsl cards. If you listen to the low end of the bands during a DX contest you will often the hear the juiciest of dx working their way up the band working one mega station after another. You may never hear that station put out one cq during the entire contest. The only way you can work them is to find a quiet frequency and call cq yourself.

Pick a band and time appropriate for the states you need and call cq. Occasionally put out some directive cqs as well (ie. CQ WY CQ MT). If you just put out random cqs and/or answer random cqs you are likely to have to work quite a few stations before you find the ones you want in the states you need. If you love to ragchew and you dont care, fine. However if the states you need are in the seventh call area and you aer hot to complete WAS spend your time looking for sevens. You may miss some /7's but at least you are focusing your efforts. As you tune, listen in to hear where other stations are located. If you need it, stand by, if you dont move on. If you work just anyone it will take forever. Not only do you have to work more stations but working those

stations takes you away from tuning. While you are working someone in the next state, a Wyoming or Montana station may be calling cq a few khz away.

> Anyway, I hope you see what I'm trying to say. At least there is more
> challenge one way than the other.

>

> > I, for one am working toward WAS the hard way

> > with one impromptu ragchew QSO at a time.

I agree its not sporting to sign into a WAS net and work WAS in that fashion. On the other hand, I really dont have any problem with working WAS via skeds, particularly if the reason for the sked is that stations in that state are just not active on the bands and modes you operate.

Perhaps a compromise would be rather than setting a specific sked with a specific time and frequency, ask the station to get on 40 meters on a given Saturday afternoon. Just a thought. 73 de Dave, N0IT

Date: Wed, 10 Sep 1997 21:17:32
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@lehigh.edu
Subject: [26583] QRP on TV
Message-ID: <3.0.1.32.19970910211732.009886c0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just caught a show on the Sci-Fi Channel about ham radio. It was an episode of "Inside Space" and was actually pretty decent. The emcee was WA1U and it was based on a Field Day in Connecticut (at the end he claimed they "won" Field Day with over 10,000 contacts). They were running QRP into some nice looking antennas (beams on towers) from an old radar site on a mountain top and "actually making contacts around the world using ONLY FIVE WATTS!!". Lots of shots of Kenwoods & Icoms and WA1U making CW contacts using (I think) a NorCal 40 off a solar cell (hmmm...wonder if he's a list member?). They also had lots of stuff about SAREX & AMSAT Phase III and a guy (W3EP I think) running meteor scatter on 6M. Lots of CW. Good stuff...made it worthwhile sitting thru the commercials (psychic hot lines, deodorant, etc...now I remember why I don't watch TV). Thanks to AI7R for telling me about it. Hope some of you caught it.

73... Mark AA7TA

Date: Wed, 10 Sep 1997 22:17:38 -0700
From: Bill Todd <bill@techline.com>
To: markem@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [26584] Re: QRP on TV
Message-ID: <1.5.4.32.19970911051738.006fdcf8@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Good stuff...made it worthwhile sitting thru the commercials (psychic hot
>lines, deodorant, etc...now I remember why I don't watch TV).

>73... Mark AA7TA

Mark - Your complaint is exactly why I stopped watching USA Network in the evenings. I really get tired of those women sitting at the picnic table telling how they "just love" their psychic.

CUL, Bill-N7MFB

Date: Wed, 10 Sep 1997 22:21:44 -0700
From: "D.K. Philbin" <dphilbin@slonet.org>
To: qrp-1@Lehigh.EDU
Subject: [26585] e-mail addresses for W7Z0I \$ W1FB???
Message-ID: <1.5.4.32.19970911052144.00672c1c@slonet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings!

Does anyone know the e-mail address for either Wes Hayward W7Z0I or Doug demaw W1FB of Solid State Design for the Radio Amateur fame?

Please contact me at my e-mail address so as not to distract the list..
Thanks,

D.K. Philbin KD6TK
dphilbin@slonet.org

Date: Thu, 11 Sep 1997 01:26:23 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26586] Re: A couple of unusual transmatch questions
Message-ID: <3.0.1.32.19970911012623.00ad1150@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Bob... This commentary rereads sounding a bit uppity and snide... I don't mean it to be... rather I meant to be blunt and as direct as possible because SWR and such things tend to become cloudy with discussion. One of the world's most often repeated misconceptions is that there is any significance AT ALL in reducing a 1.5:1 SWR to 1:1.

I personally wouldn't use an "F" connector for anything I could avoid using it for. I must admit that actually it is not all THAT bad a connector, I just don't like the mechanics of them compared with BNCs, N's, or PL-259s in that order. I especially don't like slipping simply an non-silver copper wire between the two receptacle contacts-with no hard-fast connection pin... I do not agree that they are easier to crimp-on than the others mentioned. If you want to be that ... uh... casual, just use quality RCA connectors. Collins (even) loved 'em. Again, I wouldn't, but at least BOTH signal and ground are then soldered. Crimps also are just fine, but right back to the prejudice thing: I just LIKE solder connections. Why is a little more trouble that big a deal for what amounts to less than 10 connections/connectors that you won't do but once in a great while?

The explanation for the SWR bridges differing is that one or both of them is wrong. It is totally irrelevant anyway-within the parameters given of 1.5:1 vs 1:1. The difference between the two readings is not distinguishable at the other side of the QSO. Put a good dummy load at the end of that cable and see what the SWR meter reads. If it is close to 1:1 enough. If it isn't, run through the unit's cal procedure-if it is far enough to matter AND you are VERY confident of your cables and connections/connectors. (For QRP I would use a connector-dummy-load... avoiding cables entirely.)

I would advise against ever paralleling two tuners. Any tuner has some representative impedance to ground, with stray/actual/etc. capacitances & inductances. These would add or subtract (unpredictably in reality)

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214
~~~~~

"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

Date: Thu, 11 Sep 1997 01:41:29 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: ed miller <kc4mhm@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26587] Re: Regarding new QRP mail reflector
Message-ID: <Pine.SOL.3.96.970911014027.11477G-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 10 Sep 1997, ed miller wrote:

>
>
> (I would find the Spice Girls more acceptable if they weren't so
> ridiculously over-hyped. Recent music purchases of mine include
> Daft Punk, Ana Belem, Sash!, Liane Foly and Patricia Kaas.
> I like disco.)
> --
> Laura Halliday
>
> I must live under a bridge out on the interstate because I don't
> have any idea what she is talking about.
So it's you that I met under that bridge...

Bob Patten, N4BP

, ' ' ' ,
(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 11 Sep 1997 08:06:31 +0100
From: frasche@torino.ALPcom.it (franco schellenbaum)
To: QRP-L@lehigh.edu
Subject: [26588] Green Chile and Audio Filters
Message-ID: <v01510100b03b34be14d8@[194.116.2.61]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

>Date: Sun, 07 Sep 1997 16:44:49 -0700
>From: "James R. Duffey" <jamesd1@flash.net>
>Subject: Green Chile and Audio Filters
>
>8. Passive vs Active Filters -
>.....There must be somebody out there who used a National Select-a-Jet
>ages ago.
>

Here it is:

ARRL Handbook, 1951 edition, page 125:

"The Select-o-Ject is a receiver adjunct that can be used as a sharp amplifier or as a single-frequency rejection filter. The frequency of operation may be set to any point in the audio range by turning a single knob. The degree of selectivity (or depth of the null) is continuously adjustable and is independent of tuning. In 'phone work, the rejection notch can be used to reduce or eliminate a heterodyne. In c.w. reception, interfering signals may be rejected or, alternatively, the desired signal may be picked out and amplified. The Select-o-Ject may also be operated as a low-distortion variable-frequency audio oscillator suitable for amplifier frequency-response measurements, modulation tests, and the like, by advancing the "selectivity" control far enough in the selective amplifier condition. The Select-o-Ject is connected in a receiver between the detector and the first audio stage. Its power requirements are 4 ma. at 150 volts and 6.3 volts at 0.6 amperes. For proper operation, the 150 volts should be obtained from across a VR-150 or from a supply with an output capacity of at least 20 mfd.....

.....
The Select-o-Ject is useful as a means for obtaining much of the performance of a crystal filter from a receiver lacking a filter, and it is just as useful with a crystal filter in that it provides additional flexibility and performance. It is the answer to the 'phone man's prayer: "If I only had a second crystal filter!"
National (Malden, Mass.) advertised the device on the same HDBK for \$24.95

It was one of my first very simple projects: it worked flawlessly and smoothly, and gave me a lot of satisfaction. Two 12AX7 tubes (double-triodes) were used, for phase shifting the audio signal by 180 deg, and then to feeding it back to the input in additively or subtractively (manually controlled) way: very effective! (although with some ringing in the sharpest position!).

Very well posed questions : will be back with my point on DSP and SCAF
That's all for now. 73's to you all! It's a great list!
IZ1BDL Franco

Date: Thu, 11 Sep 1997 00:54:54 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26589] RIT kit
Message-ID: <Pine.SUN.3.91.970911005321.15519B-1000000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Fellow QRPers! Wondering if anyone has tried one of the RIT kits from
Dans Small Parts. If so I would like to get in touch. Thanks, Tom WB5QYT

Date: Thu, 11 Sep 1997 06:18:27 -0400
From: Bill Meara <wmeara@erols.com>
To: qrp-1@Lehigh.EDU
Cc: g-qrp@smtp2.erols.com
Subject: [26590] Color burst filter& LM386
Message-ID: <199709111021.GAA19056@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

With the help of Leon Heller, Tom Bruhns and others I finally built and
successfully installed a narrow, three pole CW color burst (3.579) filter in
my HB superhet.

Leon's formula provided the value for the shunting caps and I just copied
the termination circuits used in Doug DeMaw's "Barebones" superhet circuit.
I had to fiddle with the LC circuit at the filter's input (had to add some
capacitance to get it to resonate). I also had problems getting the BFO
frequency in the right place: When I put one of the color burst rocks from
the same batch (same freq) in the BFO, I found that it was way too high and
was producing an annoying high-pitched CW tone. Even with the series
"wigggle" cap shorted out, it was still too high. So I moved this trimmer
cap from series to parallel across the rock and was able to set the BFO for
a pleasing 700hz tone.

I used a batch of 50 xtals purchased from Dan's small parts.

The narrow filter really makes a big difference - the RX is now truly in the "single signal" category.

Some questions: The three pole filter as expected has significantly more insertion loss than the simple one rock filter that I'd been using previously. To compensate, I switched my LM386N-1 audio amp into the "high gain" mode (cap between pins 1 and 8). The amp is now quite a bit more fussy and I had to do some pruning to avoid feedback. I also notice that some AC ripple from the supply is more evident in the audio. What's the QRP conventional wisdom on the 386? Is it worthwhile to run it in the high gain mode? Should I back off on its gain and add another AF amp stage? Or how about another IF amp to compensate for the increased insertion loss?

73 de N2CQR
Bill Meara, Falls Church, Virginia
wmeara@erols.com
<http://www.mindspring.com/~johnmb/billm.htm>

Date: Thu, 11 Sep 1997 10:29:27 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-dave@ocsn.net, qrp-1@lehigh.edu
Subject: [26591] Re: Sideband QRP
Message-ID: <19970911102925.AAA19060@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:53 PM 9/10/97 +0000, you wrote:

>keep the source confidential). I know it is a good rig, but it seems I'm
>calling "CQ" until I am hoarse! Ant. is an inverted V on a 15 foot mast on
>the roof. I know that the ssb is a bit less trustworthy than cw, but is
>sidebanding on QRP that much more difficult? The rig is in the original

I am no expert by any means, but one thing that you may want to consider is call CQ with "/QRP" on the end of your call. There are a few out there who refuse to answer a weak call no matter what but most folks will go the extra mile for a low power station if they know htat it is a low power station.

(o o)
-----o00_()_00o-----
73 es TNX Advanced, W5YI VE, ARRL Member

KE4QOK KE4QOK@worldnet.att.net
Bob ke4qok@juno.com

136 Hermitage Road
Newport News, VA 23606
(757)930-0348

When the student is ready.....
The teacher will appear.

Date: Thu, 11 Sep 1997 04:16:56 -0800
From: wpc@west.net (John Roblin)
To: qrp-1@Lehigh.EDU
Subject: [26592] SST: Revised Version?
Message-ID: <v01530508b03d8f8180ce@[205.254.241.99]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am wondering if the current SST kits being sold are still the original Beta version or the revised version. Sorry if I am a bit behind on this info, but I have just not kept up with the SST recently. I'd like to get one very soon.

Many Tnx/73, -John WA6KY0
Ventura, CA

Date: Thu, 11 Sep 1997 08:21:18 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [26593] NN50CIA
Message-ID: <19970910.191901.9823.3.n4so@juno.com>

In response to requests for QSL info for NN50CIA... the following is from the Sept 5th ARRL Newsletter (ref. the ARRL home page)...

NN50CIA QSL via KB4EFP and include SASE...

From: QRZ E-MAIL Callsign Server <lookup@qrz.com>
Thank you for using the QRZ callsign e-mail server.
Callsign: KB4EFP
Name: MARY L BLASDELL
Addr1: 9727 LOUDOUN AVE

Addr2: MANASSAS, VA 20109

Country: USA

Class: Advanced

Effective: 05 Aug 1996

Expires: 05 Aug 2006

nnnn

Date: Thu, 11 Sep 1997 08:52:06 -0400
From: Paul Cereste <cereste@myapc.com>
To: qrp-1@Lehigh.EDU, qrp-dave@ocsnet.net
Subject: [26594] Sideband QRP -Reply
Message-ID: <s417b1ed.015@myapc.com>

I borrowed a MFJ-9420 a few weeks ago to try ssb
qrp. I connected it to a G5RV through a MFJ 941e
tuner. I heard a small pile-up on the IOTA freq.,
14.260. My first call with the rig got me through the
pile-up and netted me a 56 from Pea Island, NC
from my qth in Maine.

QRP SSB works.

73, Paul

Date: Thu, 11 Sep 1997 09:07:53 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [26595] QRP SSB does work!
Message-ID: <Pine.LNX.3.95.970911090205.31527B-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember, QRP is about power.

ERP comes out of an antenna :)

Pump 3 watts into a 12 element monoband HF yagi on ANY mode and it'll turn
into a killer signal.

Sunspots help, too.

I remember 1988 Field Day - QRP with a pair of 6 element TH6DXXs up 100' on light towers, fed by 9913. BOY, did those suckers work.

The fundamental fact to remember, assuming flat freq. response:

CW - power spectral density = approx $P_o / 100$ Hz.

SSB - power spectral density = approx $P_o / 2500$ Hz.

It's a difference of 25x, or roughly 14 db. You can overcome it with

better antennas and/or
better feedline and/or
better conditions.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Thu, 11 Sep 1997 09:10:48 -0400 (EDT)
From: "Paul R. Valko" <prvalko@Oakland.edu>
To: Bill Todd <bill@techline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26596] Re: QRP on TV
Message-ID: <Pine.OSF.3.95.970911090902.16532B-1000000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 10 Sep 1997, Bill Todd wrote:

> Mark - Your complaint is exactly why I stopped watching USA Network in the
> evenings. I really get tired of those women sitting at the picnic table
> telling how they "just love" their psychic.

Bill, I had a funny feeling this was going to turn into a thread.

Hmmmmmmmmmmmm...

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

www.acs.oakland.edu/~prvalko

Date: Thu, 11 Sep 1997 09:22:26 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: "Paul R. Valko" <prvalko@Oakland.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [26597] Re: QRP on TV
Message-ID: <Pine.LNX.3.95.970911092143.31809B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Note, also, that said program aired on the SCI FI channel, and not on Discover Channel as it should have...

Why on the science FICTION channel??? It's fact!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
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>
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>
> Hmmmmmmmmmmmm...
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
>
> www.acs.oakland.edu/~prvalko
>
>

Date: Thu, 11 Sep 1997 08:33:05 -0500
From: "Claton Cadmus" <aplitech@spacestar.net>
To: <lycott@fox.nstn.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26598] Re: A couple of unusual transmatch questions
Message-ID: <199709111334.IAA03120@webster.spacestar.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have read Ed's reply to this and I can't say I disagree entirely, but I don't see any reason why properly installed F connectors will not perform as well as other connectors at QRP power levels.

As an example, this past Field Day we needed a 6 meter antenna for our VHF station. Looking around the shack I found I had about 100 feet of 75 ohm CATV cable (RG-59) this cable has aluminum foil and wire shield. Soldering on connectors was out of the question and the cable already had F connectors on it. I built a six meter "porta" quad of my own design which was spaced to provide a 75 ohm feed. I used a PL-259 to F connector adapter to connect the cable to the IC-706. As predicted, the SWR was 1.5:1, and as Ed mentioned, this was of no real consequence. The setup worked well with even an east coast contact during the band opening.

On the other hand, I believe there is an F connector with a larger barrel size that works well with RG-8X mini 50 ohm cable.

>From another perspective, there is no reason to use 50 ohm cable, it's simply the convention. It would be a simple matter to adjust the output filter of any QRP rig for 75 ohms and mod your SWR meter as well. Most tuners won't care if it matches to 50 or 75 ohms. With all the 75 ohm cable around, many times for the asking, this might be a good way to tighten the Ham budget a bit.

If it were me, I would use BNC connectors. There easier to connect and disconnect then F connectors. Well maybe not the push on F type, but really!

My two cents.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
If you live in Minnesota check out this webpage!
<http://www.spacestar.net/users/aplitech/mnqrp/>

Date: Thu, 11 Sep 1997 09:46:35 -0400 (EDT)
From: David Clemons <dave@egh.com>

To: John Evans - N0HJ <jaevans@codenet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26599] Re: New contest in 98!
Message-ID: <Pine.LNX.3.91.970911094443.7536A-100000@newman.egh.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,

Actually, the permissive dialing period which first ushers in a new area code allows users to dial either area code. The switches do any corrections necessary to route the call to the correct trunk.

With this situation, some people may be able to give out a double multiplier! :-)

73, Dave Clemons K1VUT

Date: Thu, 11 Sep 1997 06:58:19 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: qrp-1@Lehigh.EDU
Cc: grudin@pacific.vdbs.com, rons@scruznet.com
Subject: [26600] Buying a car the hard way.
Message-ID: <3417F8FB.33F@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NOT QRP - DEL NOW IF NOT INTERESTED

Well It has come time to buy my first new car since becoming a ham. I have always disliked the process. You have to go down to the dealer. Spend hours picking out the right color and model. Negotiate a price where you don't feel like your getting taken too bad. Sit for hours while they fill out an endless pile of forms. I ususally leave exhausted no matter how nice the dealer is.

Buying a car as a ham is another story. The dealer is just not prepared to answer your questions. (Sure you can put a radio in here, we put them in all the time. Oh you want to transmit, well we sell to the city and they put 2 way radios in here. Oh you want 100W, well stereos frequently are 100W and no problems. etc.)

Then comes the hard part. The deal is made, you politely tell the

dealer that you will be bringing in your trade in a few days, after you remove some radio equipment that you have installed over the years. (I didn't want to remove it first, until a solid deal was made.)

Now you go to work the next day. Work the normal 9-10 hours, dreaming of that new car. All you have to do to be driving it is get some radio equipment out of the old car. It wasn't too bad putting it all in there.

You leave work a little early to get home and have some time to do it. Get started at about 7pm. Get out the old trusty Makita and start removing all the trim panels. It made sense to start at the battery. Why are there 100 wires attached to it? Lets see that's the HF rig, the VHF/UHF, The screwdriver ant, the alarm to protect this stuff, but what is this, Hmm..... To cut or not to cut. I seem to remember having to get upside down with my legs sticking out of the engine compartment to get that to run there. How did I get that connector to fit through that hole? How come that wire is going that way, it should be over here?

.....four hours later, it is dark, cold, and I haven't had dinner yet. There are piles of wires, radios, alarms, and other things that I'm not sure where they came from. My XYL comes out to see if I've electrocuted myself or something.

Seeing that I was alive standing in a sea of wire and putting the trim mouldings back, she remarks "I hope the car will still start with all those wires removed." Hmmm.....

--

73 de Jeff AC6KW
grudin@vdbbs.com

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Thu, 11 Sep 1997 09:21:21 -0400 (EDT)
From: Richard Mulvey <mulveyr@frontiernet.net>
To: qrp-l@lehigh.edu

Subject: [26601] FS: MFJ-9020
Message-ID: <199709111321.JAA55284@node5.frontiernet.net>
Content-Type: text

For Sale:

MFJ-9020
20M QRP transceiver
5 Watts @ 13.8VDC

Excellent working condition, case is in good condition. Has one extra hole in front of case, which has a switch installed in it.

Asking \$100.00

Will take offers until 12-Sept-1997, until 22:00UTC, at which point I will pull one name from the hat.

Reason for selling is that I already have too many 20M rigs. :-)

- Rich
AA2YS

Date: Thu, 11 Sep 1997 11:11:13 +0000
From: "Nancy WZ8C" <nancy@tir.com>
To: qrp-1@Lehigh.EDU
Subject: [26602] FISTS Special Event
Message-ID: <199709111519.LAA12052@sun.tir.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FISTS CW Club is celebrating our 10 year anniversary with a Special Event that starts 0001Z Friday Sept 12 thru 2359Z Sunday Sept 14. This translates to 8:01pm Eastern Thursday, thru 7:59pm Eastern Sunday.

Each FISTS member can operate as a Special Event station from their own home, calling CQ FSE (for FISTS Special Event). Special commemorative QSL cards will be sent to those contacting the FISTS stations. QSL with SASE to the station(s) you contact.

Please join us in celebrating our anniversary and work as many FISTS stations as you can! A certificate will be sent to the top three QRO and the top three QRP (5 watts or less) stations who work the most FISTS. Send logs by October 14 to Nancy WZ8C, Box 47, Hadley MI 48440-0047.

Visit our Web page at <http://www.FISTS.org>
"When You've Worked a FISTS, You've Worked a Friend"

Date: Thu, 11 Sep 1997 11:26:05 EDT
From: d.nordquest@juno.com
To: qrp-1@lehigh.edu, smlevco@juno.com
Subject: [26603] Pixie 2 Source
Message-ID: <19970911.112613.4831.1.d.nordquest@juno.com>

A once & future QRPer asked me where to buy the Pixie 2 for \$10. Could someone email me at the above address or him at smlevco@juno.com ?

Thanks!

Dave KE9ED

Date: Thu, 11 Sep 1997 10:35:05 -0500
From: launerb@crl.com (William H. Launer)
To: qrp-1@Lehigh.EDU
Subject: [26604] Re: A couple of unusual transmatch questions
Message-ID: <v01530500b03dbb3006d9@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Claton wrote:

>I have read Ed's reply to this and I can't say I disagree entirely, but I
>don't see any reason why properly installed F connectors will not perform
>as well as other connectors at QRP power levels.

While I would hesitate using "F" connectors where there is apt to be frequent connecting and disconnecting of the cable, my experience with them has been positive.

I don't particularly like connectors that use "bent-up" sheet metal contacts, but I once acquired (free) several odd lengths of ctv aluminum RG-59 type coax. I connected several pieces together with "F" connectors with barrel couplers

to feed a trap dipole. I wrapped the interconnections with vinyl tape. The antenna worked well for over 5 years. I took it down because we sold the house, not because of any malfunction.

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

Date: Thu, 11 Sep 1997 09:40:59 -0600
From: Niel Skousen <nskousen@scientechn.com>
To: qrp-l@lehigh.edu
Subject: [26605] Zo of 18ga zip cord??
Message-ID: <3.0.3.32.19970911094059.006c7e94@eaglerock.if.scientechn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anybody know the line impedance of 18ga zip/speaker 2-wire cable ? Seems I remember 110 ohms from some article way back but.....

TNX in advance
Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientechn.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

Date: Thu, 11 Sep 1997 11:18:33 -0500
From: "William R. Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26606] Telepathy?
Message-ID: <19970911161946.AAA18582@wrmoore-rpc>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I'm home nursing a bad cold and sore throat, and tuning around 7040 for some distraction, when I hear K8ML (Mark) calling CQ and signing /QRPP, so I call him. Turns out he's running 10mw to a dipole at 55 ft, talking to my DX-70T (5w) and big horizontal loop with a 539 signal!! Then he cranked it down to 1mw and I couldn't tell the difference. I'm suspicious that he and I are telepathic!! Amazing, huh?

Randy, KS4L

Date: Thu, 11 Sep 1997 12:23:18 -0400
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
To: Ed Loranger <we6w@qsl.net>, qrp-1@lehigh.edu
Subject: [26607] Re: QRP Keyer -- HomeBrew
Message-ID: <v03110707b03dcb2423cc@[132.235.72.186]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Ed,

I forgot to tell you something! The last page of the article has a "Feedback" column pasted to it. It explains a few items that make the thing work right! Sorry I forgot to fill you in on that....

NS80

Date: Thu, 11 Sep 1997 09:54:09 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: nskousen@scientechn.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26608] Re: Zo of 18ga zip cord??
Message-ID: <34182231.ABB8C962@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Niel Skousen wrote:

>

> Anybody know the line impedance of 18ga zip/speaker 2-wire cable ?

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

Date: Thu, 11 Sep 1997 14:20:42 -0400 (EDT)
From: K5BDZ@aol.com
To: rakefet@rakefet.com, qrp-1@Lehigh.EDU
Subject: [26610] Re: Zo of 18ga zip cord??
Message-ID: <970911142041_-1934110446@emout02.mail.aol.com>

Zip cord antennae "facts" have a controversial history unknown to any other antenna I've run across in my 42 years as a ham.

So I base my judgement of the old zip cord dipoles strictly on my own personal experiences.

Fer instance: About 15 years ago, I had a 50 foot zip cord dipole Inv V, center fed (25' each leg) with about 25' zip cord feedline to a HB pi net tuner, running 20 watts SSB from a FT301S on 40 meters. Antenna ran north-south, was up 18' at center, each leg sloping down to about 7' and tied off on each end with string. I was fixed portable in Gulfport Mississippi, talking to Houston, NC, GA, LA, and New York friends on our daily 7260 roundtable. That morning, all gave me the usual 20 over signal reports and was surprised I was running only 20 watts with such an antenna. A texas a&m grad student operating W5AC broke in and told all that I must be lying about running only 20 watts on such an inefficient antenna. He was obnoxious, but what really made me mad was I didn't get to tell him that WHEN I WENT OUT TO TAKE DOWN THE ANTENNA, I FOUND IT LYING ON THE GROUND! The wind and rain the night before had broken the kite string I had used to tie off the center at 18 feet. The 20 over signal reports were on a zip cord antenna lying on the ground!

WORK? IMPEDENCE? Zo? The little antenna was working so well I hated to interrupt the great performance by confusing the facts with theories.

Bill, K5BDZ
k5bdz@aol.com

Date: Thu, 11 Sep 1997 15:04:48 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: K5BDZ@aol.com

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26611] Re: Zo of 18ga zip cord??
Message-ID: <3.0.1.32.19970911150448.00a379e0@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I NEVER jump out of working airplanes-or argue with antennas that work!!!
Case in point: all the experts argue against 'double-bazookas'... but with
my experiences with them on 75M I remain convinced they are probably as
good an antenna as there is for surrounding-state communications... say...
as far as NC or LA from GA. I don't care about the bandwidth... what I like
is that 1) they work around-and through-trees very well; 2) they are MUCH
quieter than regular dipoles-much less verticles; and 3) they're easy to
do. I think a sort of folded dipole zipcord antenna would be an interesting
antenna, and all this talk about it has jiggled my curiosity bump. I might
just have to build one and see what happens!!!
72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758
AdvRC #140 NORCAL #1779 NCDXF SEDXC

Life Member: ARRL AMSAT INDEXA QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

"Think you can, think you can't: either way you're right!" Henry Ford

Date: Thu, 11 Sep 1997 15:06:16 -0400 (EDT)
From: PDouglas12@aol.com
To: qrp-l@Lehigh.EDU
Subject: [26612] Fwd: Sideband QRP
Message-ID: <970911150615_214444138@emout02.mail.aol.com>

Dave,

You noted you were calling CQ incessantly with QRP SSB and not getting any bites:

SSB QRP is harder, in my opinion, than QRP CW. Remember, when your key is down in CW mode all 5W of your QRP full gallon are going out to the antenna.

In SSB (which is an amplitude modulated mode, ie your voice controls the amplitude of the signal in simple terms--even though carrier is suppressed this is still so) so your little QRP rig is only sending full power on the loudest voice peaks. Your average SSB power is probably a small fraction of the 5w CW power output.

What does this mean to an operator? Well, hardened QRP vets will likely confirm that even on CW, calling CQ is the least likely way to generate contacts. Listening for other's CQ's, getting right on their freq (zero beating) and pouncing on them by answering their CQ is the best way to make contacts. Calling CQ with SSB with QRP power is even less likely to generate contacts than calling CQ on CW, because of the plain inefficiency of the voice system (see first paragraph), and so the pouncing technique is even more important.

Things to check:

1. Assuming you have some sort of outboard swr/power meter, is it moving with your voice? If so, you have some voice power output, and probably you are generating some kind of signal.

2. Are you transmitting and receiving on the same frequency? This is less likely to be a problem on voice, but that will depend on your transceiver's design. If possible, get another local ham to qso with you and have him/her let you know if you sound ok, and whether you are on freq. You can sometimes do this for yourself (less satisfactory due to potential overloading, but ok for starters) by having a qso with yourself using dummy loads and two transceivers.

Hope this helps a little.

Preston WJ2V

Forwarded message:

Subj: Re: Sideband QRP
Date: 97-09-11 09:52:17 EDT
From: PDouglas12
To: qrpdave@ocsnet.net

Dave,

SSB QRP is harder, in my opinion, than QRP CW. Remember, when your key is down in CW mode all 5W of your QRP full gallon are going out to the antenna.

In SSB (which is an amplitude modulated mode, ie your voice controls the amplitude of the signal in simple terms--even though carrier is suppressed this is still so) so your little QRP rig is only sending full power on the loudest voice peaks. Your average SSB power is probably a small fraction of the 5w CW power output.

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Things to check:

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2. Are you transmitting and receiving on the same frequency? This is less likely to be a problem on voice, but that will depend on your transceiver's design. If possible, get another local ham to qso with you and have him/her let you know if you sound ok, and whether you are on freq. You can sometimes do this for yourself (less satisfactory due to potential overloading, but ok for starters) by having a qso with yourself using dummy loads and two transceivers.

Hope this helps a little.

Preston WJ2V

Date: Thu, 11 Sep 1997 15:22:40 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [26613] FS: TS-430S & Ten Tec 6M Xvtr
Message-ID: <Pine.SOL.3.96.970911151329.28483A-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

1. Kenwood TS-430S

Includes YK-88C & YK-88SN narrow filters for CW & SSB
Has built-in Accu-Keyer (uses "scan speed" for keyer speed)
Rem jack has one pin modified to allow use with packet TNC
Operates well at 5W output level (or makes 100W)
Asking \$450 plus shipping

2. Ten Tec No. 1208 6 Meter Transverter

Kit is fully assembled and aligned - works well
Requires 2W of drive on 14Mhz to make 8W output on 6 Meters
Asking \$100 (what I paid for the box of parts) plus shipping

Send e-mail if interested in either item.

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 11 Sep 1997 14:34:44
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [26614] HB idea for the day
Message-ID: <3.0.1.16.19970911143444.2d8fd330@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang!

I was just fixing a CB set here at the shop and realized it would make a great cabinet for a qrp rig. Just remove the original board and add your own. You get a nice small case, with S0239 jack on the back, a speaker, couple of 1/8" phone jacks, and a front panel with several controls on it.

BTW, if your wondering what the common problems with CB sets are, in case you happen to have or pick up one, here they are:

1. Broken wires in the mic cord or open dynamic mic element
2. Shorted polarity protection diode on the DC input (susspect if fuse holder is missing or 20 amp fuse in holder, before powering up a unknown

set, check to see if power leads are shorted, with set turned off)
3. Bad solder joints in the area of the PLL VCO. (generally under the tin shield)
4. Bad speaker

(the one I just fixed had 1,4 and maybe 3)

And don't forget, a dead CB you can have for the asking or a few bucks has a lot of good qrp type RF parts in it. Happy hunting!

73/72

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 11 Sep 1997 12:48:25 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [26615] Pacificon -- Antenna Spokespersons?
Message-ID: <34184B09.3611@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, was just approached this morning to give a speech on antennas at Pacificon on Friday, Oct 17th. I sent the guy down to the Antenna Range here at HP to find someone with more 'papers' than I.

Flattered -- but not enough aluminum oxide on my hands to have earned such an honor.

Apparently 3 speakers have unexpectedly pulled out. I don't know what's going on, and Pacificon is a bit far for me to ride my bicycle (Long Story). But maybe someone out there who can help, might be able to step up to the plate.

I'm in no official position, of course, just looking to better ham radio. If someone knows what can be done to fill these 3 spots I'm sure Pacificon will be better for all.

I have no Idea who you would contact to get involved ... Just FYI and hoping attendees benefit from a successful Pacificon.

Very 72, Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 11 Sep 1997 15:23:48 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: "qrp-l@lehigh" <qrp-l@Lehigh.EDU>
Subject: [26616] Ea qrp list now on line
Message-ID: <199709111524_MC2-2016-3960@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi guys,

Snail mail from Juan Antonio Lopez, EA8QJ in Tenerife, the Canaries advises
new list for qrp aficionados in Spain. Probably most of the traffic will be
in Spanish.

To subscribe, send e-mail to:

=

majordomo@rcua.alcala.es

=

do not enter anything=

in subject, but in body of message type

subscribe qrp-ea

in other words, just as for standard majordomo list management. Juan also
advises there are lists for : ham-ea, (obvious) merca-ea, (for sale etc)=
,
dx-ea, and also swl-ea. Same method subscribes to each.

The EA-qrp club now has a home page on the www and this is at:

<http://www.arrakis.es/~eaqrp-c>

yes=

a
tilde character after the slash following es! Haven't had much luck with
this yet myself, but I'll keep trying.

More info on request direct if you would like to join the EA-qrp club,
based on G-qrp club format, mag (in Spanish) 4 times per year, contests e=
tc
all based loosely on tried and tested G-qrp format.

Juan himself is on the net as:

jalopezd@arrakis.es

and will reply to
enthusiasts also, but prefers Spanish to English.

72 and 73 de Mel
GM6JAG, GM6JAG/EA
Edinburgh, Scotland UK
Home of the last HW9

G-qrp 1283
EA-qrp 88

Date: Thu, 11 Sep 1997 13:13:54 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [26617] Looking For Superhet Design Software
Message-ID: <34185102.49A3@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I've heard tell of a simple software package that will calculate mixer
and VFO products which can fall within the tuning range of a superhet
receiver. Does anybody know anything about this?

--

Bill Jones - KD7S <><
Sanger, California
kd7s@psnw.com

Date: Thu, 11 Sep 1997 15:29:25 -0500
From: Mike Broga <mbroga@cu-online.com>
To: qrp-l@lehigh.edu
Subject: [26618] Keyboard software
Message-ID: <199709112029.PAA19122@mail.advancenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

I looking for a source for a program that sends CW through the printer port.
I remember seeing one years ago. (Opps letting on about age) One written
in Basic or "c" would be fine. Answer direct to save the bandwidth.

Mike W9KVF

mbroga@cu-online.com

Date: Thu, 11 Sep 1997 14:36:18 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@lehigh.edu
Subject: [26619] W9GR DSP-3 vs Timewave?
Message-ID: <199709112136.0AA11957@usr08.primenet.com>

Howdy Folks,

Thanks to whoever posted the info on the W9GR DSP-3 unit
(info at <<http://www.oro.net/~w9gr>). I'll track down the
August '95 issue of QST for the review, but are there
any current owners on the List?

I'm wondering how the DSP-3 (\$149 + S/H) compares to
the low-end Timewave DSP boxes. Bear in mind that I only
operate CW (nothing against the other modes, just my
personal preference) so performance on CW sigs is critical.
But I'm cheap as tinfoil, so price may win out. :-)

Are we talking night-and-day differences here? Or perhaps

a marginal improvement in copy? (Yes, I'll download the .WAV demo files, but I always like to hear from actual users.)

Price seems right, kit looks easy enough to build, and I've always wanted a good DSP to cut through the QRN/QRM. Can't work 'em if ya can't hear 'em! I want to be able to track down K8ML and his 10mW sig. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Veni Vertical Vamos - I came, I radiated, I left". -AB7TT

Date: Thu, 11 Sep 1997 18:01:22 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [26620] Ten Tec Sold, TS-430 Still Available
Message-ID: <Pine.SOL.3.96.970911175835.2678C-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What more can I say?

The TS-430S is a fine rig which also functions well at QRP levels. I have taken it to C6A several times, to ZF2, VP9, VE, and on many Field Days. Still for sale at \$450 (but negotiable).

Bob Patten, N4BP ' ' ' ' , (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 11 Sep 1997 18:13:32 -0500
From: ka0yos@arn.net
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [26621] Epoxy for Tube base

Message-ID: <199709112207.RAA02867@arnet.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is there an epoxy to glue the loose base on a vacuum tube? I have a couple of tubes that still check out okay, but have a loose base.

73,
Joe ka0yos@arn.net

Date: Thu, 11 Sep 1997 15:47:18 EDT
From: beache@juno.com (Edward B Beach)
To: qrp-1@Lehigh.EDU
Subject: [26622] F Connector usage
Message-ID: <19970911.154635.7911.0.beache@juno.com>

Hi all -

I have followed the thread on using 75-ohm cable and catv type F connectors with interest. My .02 worth is that the F connector truly has a place in anyone's hamshack. I bought a supply of the 50-ohm RG58 style connectors from Digikey, and found a commercial ratchet style crimper at a hamfest. Don't use the simple plier type except in an emergency. Vise grips will also work in an emergency.

Keep in mind that catv uses this stuff outdoors all the time, and there is truly no easier connector to install. In addition, the adapter types available are legion, and quite inexpensive to boot.

I have used a Radio Shack pushbutton A-B switch [\$7] for a couple of years running QRO at 100w through it with no trouble at all. Additionally, the isolation between ports is better than a Daiwa coax switch I paid \$25 for!

I intermix 50-ohm and 75-ohm cable types all the time when patching things in the shack. For short [2' to 3'] runs it makes little difference to SWR, as someone has pointed out. I also have no problem with the 'push-on' connectors either. They make for very easy patching, but I don't use them for permanent cabling!

Regular UHF connectors [pl259/so239] are really rf 'lumps' when used with RG58, and the F connector is not -- impedance is maintained quite well through these little guys, and you can buy a dozen F connectors for the price of one BNC.

Date: Thu, 11 Sep 1997 15:34:22 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-l@lehigh.edu
Subject: [26624] QRP-L Web Page?
Message-ID: <199709112234.PAA13018@gecko.nsc.com>

Apparently I missed the message about the
QRP-L web page: a)moving b)closing 3)hiding

Is it gone?

73 Michael N7MR <http://www.frii.com/~michael>
Michael.Robinson@nsc.com michael@frii.com
QRP-L #126 Norcal #857 CQC #180

Date: Thu, 11 Sep 1997 16:40:26 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26625] Re: W9GR DSP-3 vs Timewave?
Message-ID: <3418654A.7645@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I cant speak for the Timewave unit, but I do have the DSP-III.

I picked it up (kit) from W9GR himself, and had heard many favorable
reviews prior to my purchase.

The kit is not 'easy', meaning alot of care and assistance would be
very helpful and recomended for the first time solder slinger as there
are plenty of DIP's to be installed amongst all the other standard
components. ...and I might add that it is not a 'hard' kit either.
Oh yes, it is well documented, very complete and has a very nice
case with pre-screened front and back panels. All you need is a power
cord (dc) and the patch cord to hook up to your rig.

** note also that there are people who have incorporated the unit into their own rigs!

To me, when first using the DSP unit, was like the difference between night and day. This little unit really does work (I have only really used it for CW, although it can do rtty, phone and some others- (I think,... mine is still in storage from the recent move, so I cant be 100% about the modes))

I have worked stations that were so deep in the noise, I couldnt hear them with out the DSP! HONEST! It truly is amazing to hear this baby perform. I would not sell mine, but I admit that I would not buy another one (unless they were dirt cheap :-) and here is the reason why:

> I had the chance to try out one of the newer JPS units (cant recall the model) but it sure impressed me, could run circles around the W9GR unit, but then again there is a HUGE price difference and the types of filtering in the JPS unit goes beyond that of the W9GR unit. <

All in all, the W9GR unit is a good little dsp unit for the price, Can outperform the radioshack dsp unit (heck, the variable bandwidth filtering in my Norcal 40A and Sierra can do that ;-) And I would recomend it for the first time DSP user who doesnt want to spend alot of money on one of the 'newer' generation units. It works just fine, you may have to get yourself another logbook and/or be subjected to being called a liar, cause you worked some DX others couldnt even hear! ;-)

in short: One vote for the W9GR DSP-III.

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>
Corrective eyewear recommended due to
the warped sense of humor on this end.

Date: Thu, 11 Sep 1997 15:46:01 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-l@Lehigh.EDU
Subject: [26626] Got the QRP-L page back.
Message-ID: <199709112246.PAA13113@gecko.nsc.com>

Thanks to Tom I got it back.

FYall'sI, it's: <http://qrp.cc.nd.edu/qrp-l/index.html>

```
=====
73 Michael N7MR                      http://www.frii.com/~michael
Michael.Robinson@nsc.com             michael@frii.com
QRP-L #126                          Norcal #857                CQC #180
=====
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Date: Thu, 11 Sep 1997 16:49:43 -0600
From: Niel Skousen <nskousen@scientech.com>
To: qrp-l@Lehigh.EDU
Subject: [26627] Re: RS DSP hacked ?
Message-ID: <3.0.3.32.19970911164943.006c9f98@eaglerock.if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
```

has anybody done a DSP fix on the RS-DSP ?? Not my forte, but seems that a code rework and replace the masked part and you could have a semi-reasonable low-cost DSP filter...

Anybody done it ??

Niel

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-----  -.. . .-- .- --... ... .. .-  -----
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG      nskousen@scientech.com
208.525.3742, FAX 529.4721  Idaho Falls ID      WA7SSA  QRP-L.119
Z----- .-----DN33wm--- . . . -
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End of QRP-L Digest 845
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